

REMARKS

Reconsideration of the application in view of the above amendments and the following remarks is requested. Claims 46-61 are in this application. Claims 1-45 have been cancelled.

The Examiner objected to the drawings because some of the solid lines need to be replaced with broken lines to clearly show the boundaries of the metal traces, gates, sources, and drain regions in FIGS. 6A, 7A, and 8A. As a result, applicant proposes amending FIGS. 6A, 7A, and 8A as shown in red on marked up informal drawings which are included in Appendix A.

In addition, the present divisional application was filed with the seven sheets of informal drawings originally-filed in the parent application, along with the six sheets of formal drawings that were subsequently filed in the parent application. Further, a set of substitute drawings were filed on April 8, 2005. Thus, it is unclear which set of drawings is pending in the application.

As a result, applicant also proposes amending the remaining drawings as shown in red on marked up informal drawings attached in Appendix A. Further, applicant has attached replacement sheets for all of the drawings, including FIGS. 6A, 7A, and 8A, in Appendix B. The present replacement sheets are to replace the informal and formal drawings filed with the application on April 14, 2004, and the substitute drawings filed on April 8, 2005, which were received by the PTO on April 11, 2005. Applicant wishes to replace the previous drawings to remove any confusion as to which set of drawings is to be used.

The Examiner rejected claims 39-42 under 35 U.S.C. §102(b) as being anticipated by Mahant-Shetti (U.S. Patent No. 5,793,068). As noted above, claims 39-42 have been cancelled.

Applicant also cancelled the remaining claims, which were objected to or allowed, and added new claims 46-61 to alternately claim the present invention. With respect to Mahant-Shetti, applicant has been unable to find any discussion that

teaches or suggests a single source metal region as required by new independent claim 46, or a source region that is wider than the drain region as required by new independent claim 54. As a result, claims 46-61 are not anticipated by over Mahant-Shetti.

Thus, for the foregoing reasons, it is submitted that all of the claims are in a condition for allowance. Therefore, the Examiner's early re-examination and reconsideration are respectively requested.

Respectfully submitted,

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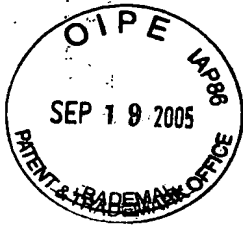
10/824,270

PATENT

APPENDIX A

AMENDMENT IN RESPONSE TO  
OFFICE ACTION DATED JUNE 29, 2005

Atty. Docket No. 100-19411  
(P05247-D01-F1)



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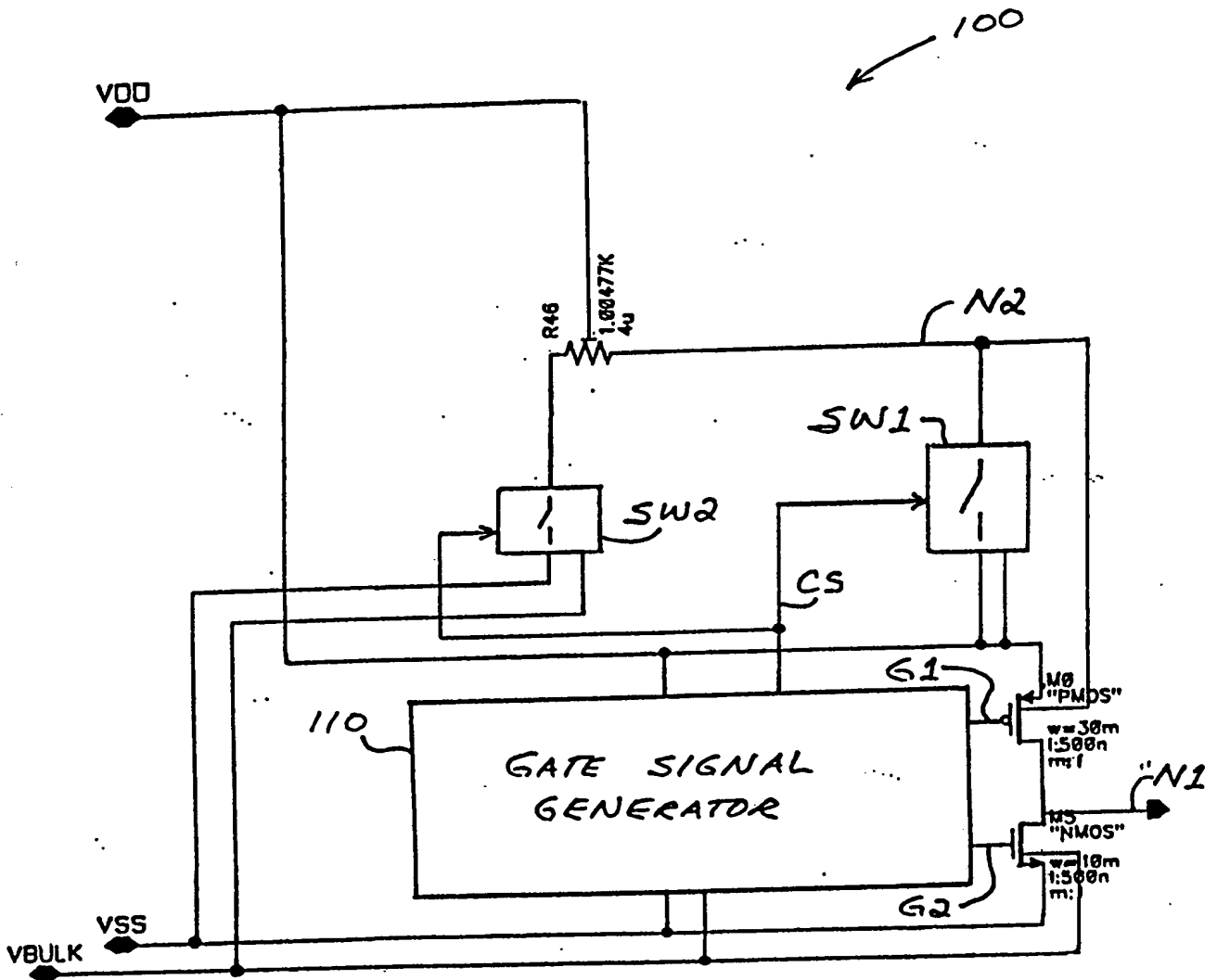
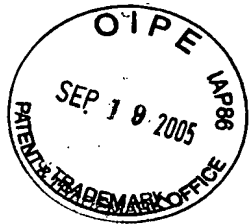
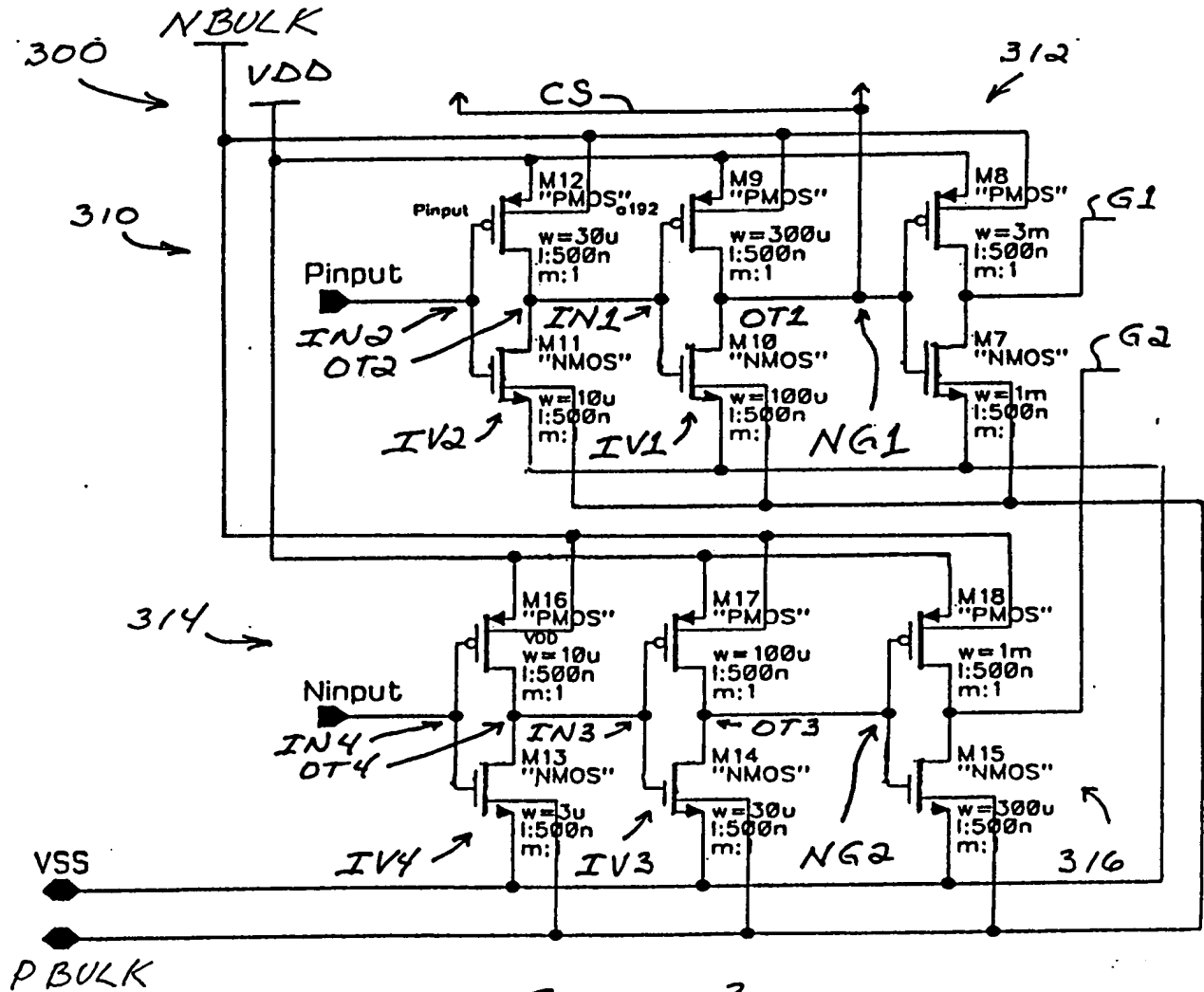
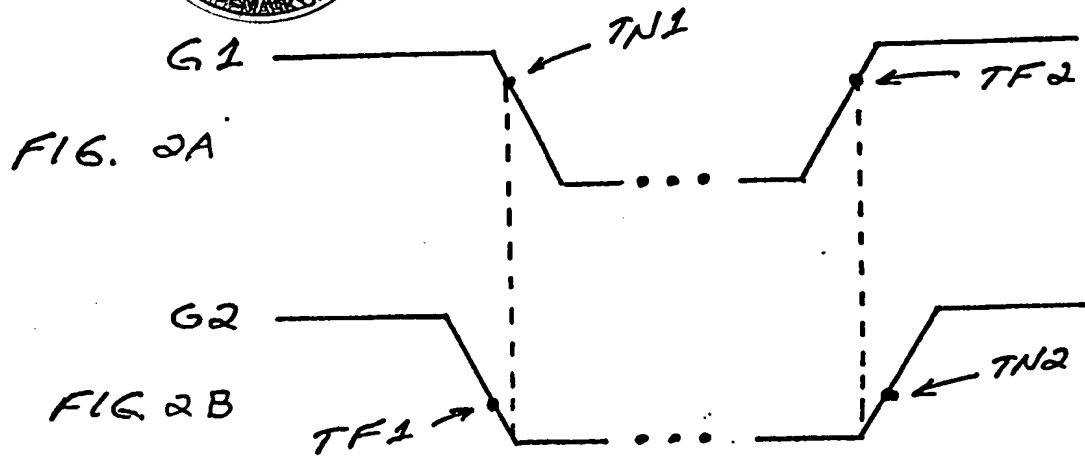


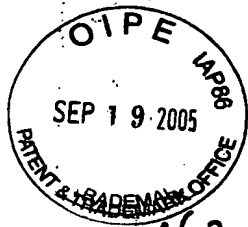
FIG 1

# Annotated Marked-Up Drawings



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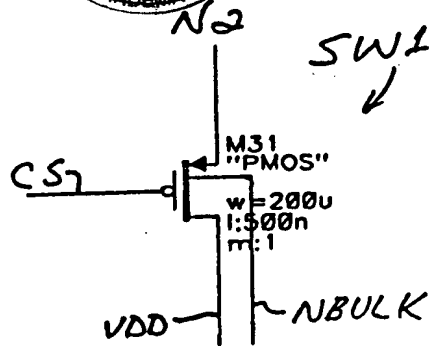


FIG. 4A

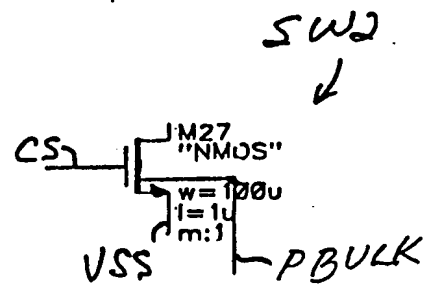


FIG. 4B

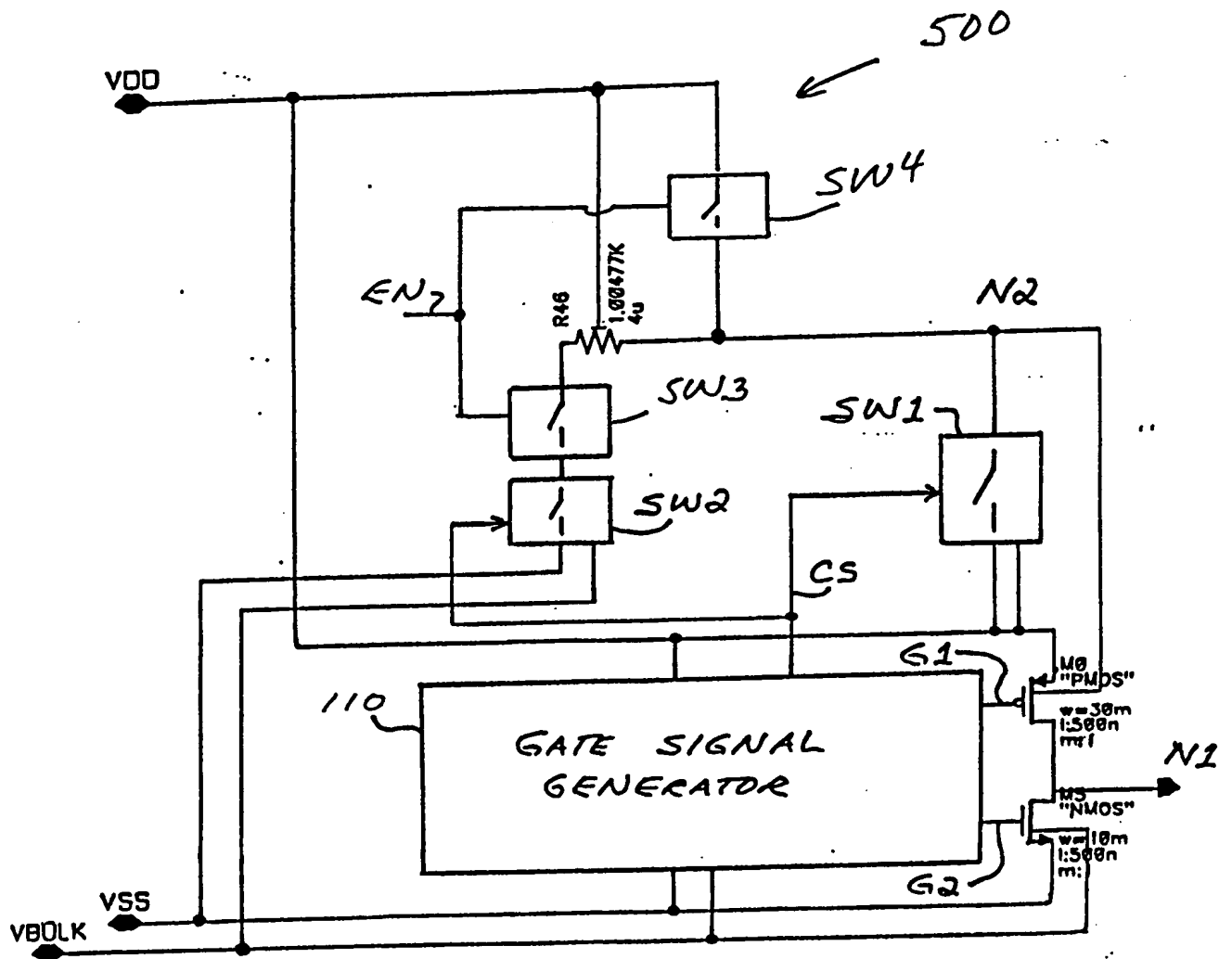


FIG. 5

# Annotated Marked-Up Drawings



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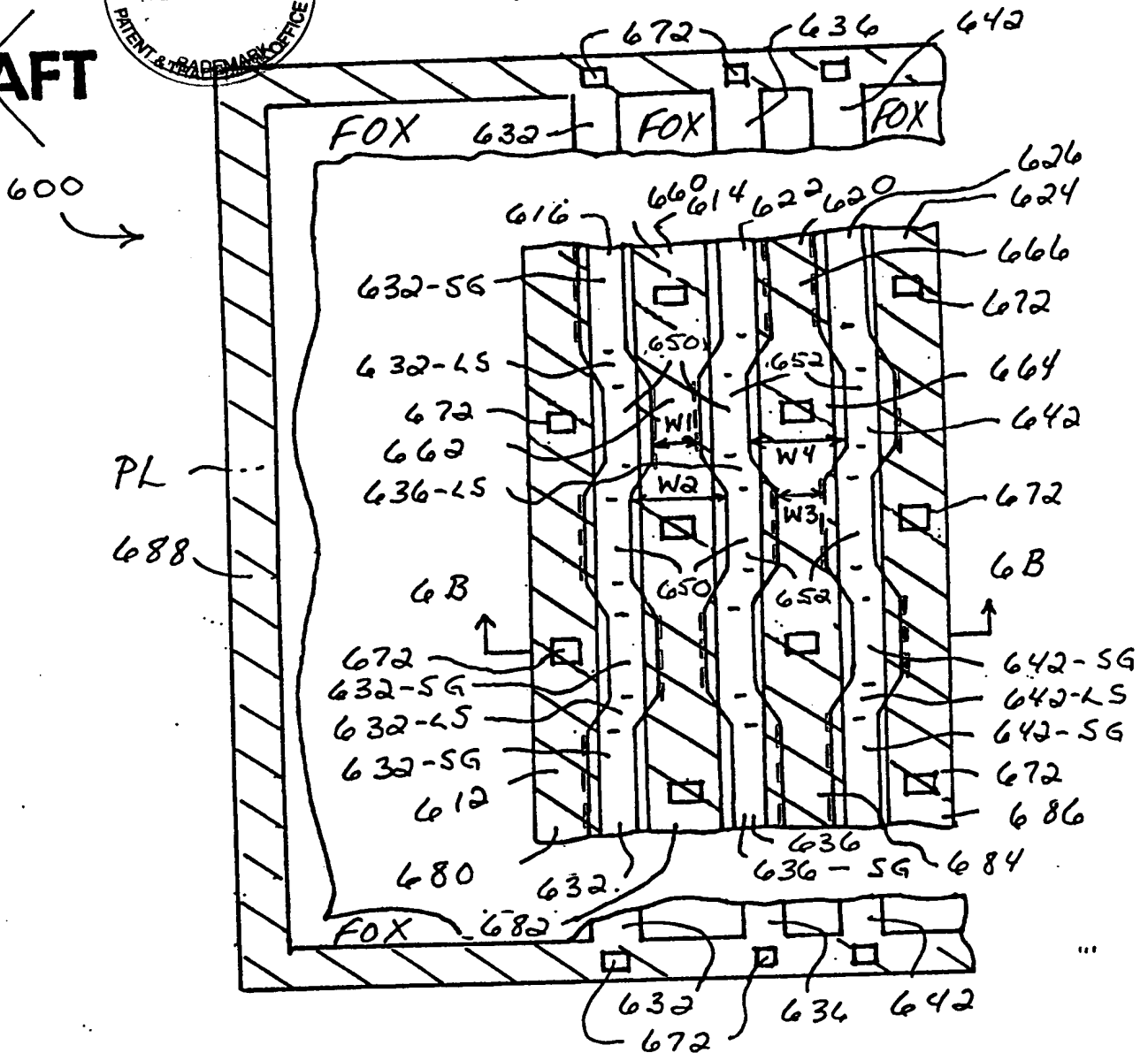


FIG. 6A

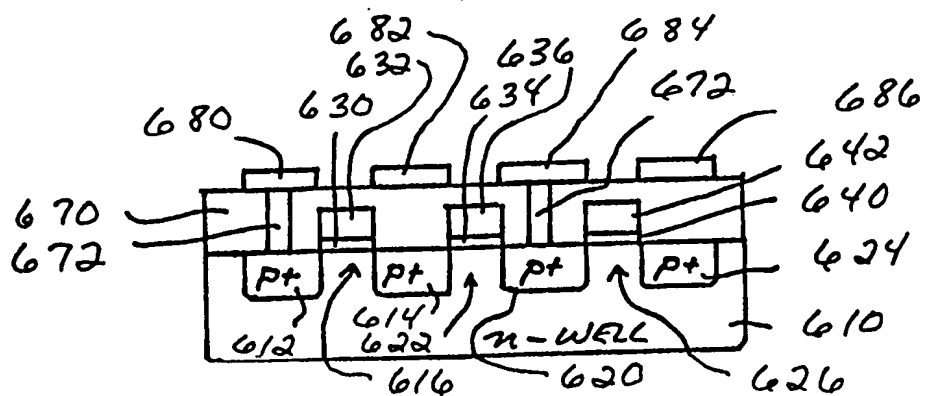


FIG. 6B



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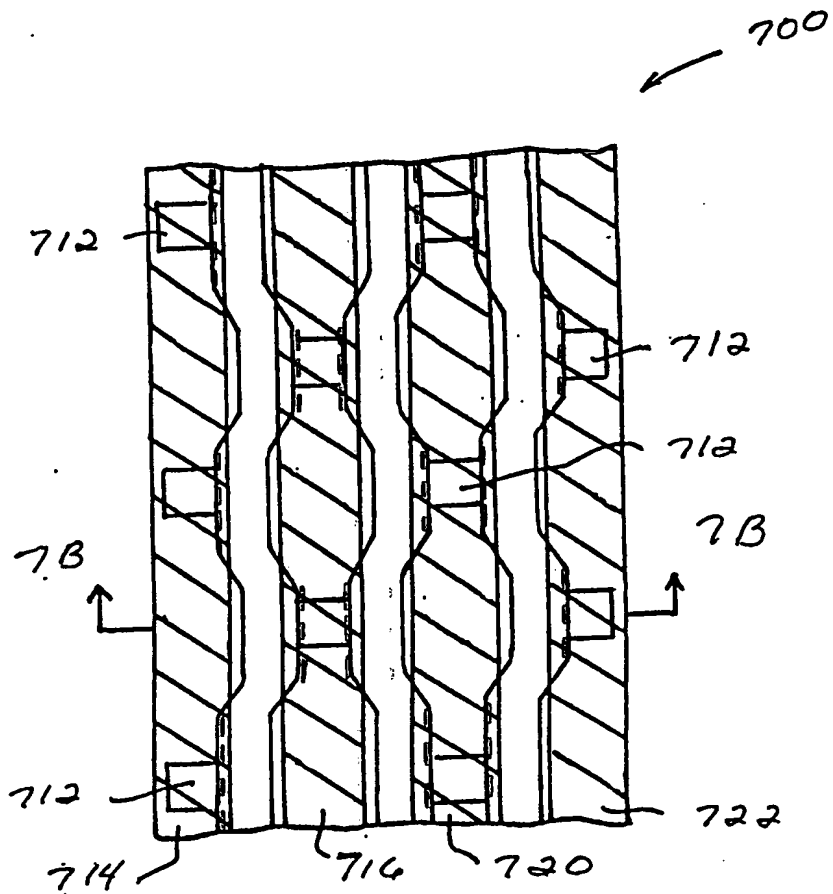


FIG. 7A

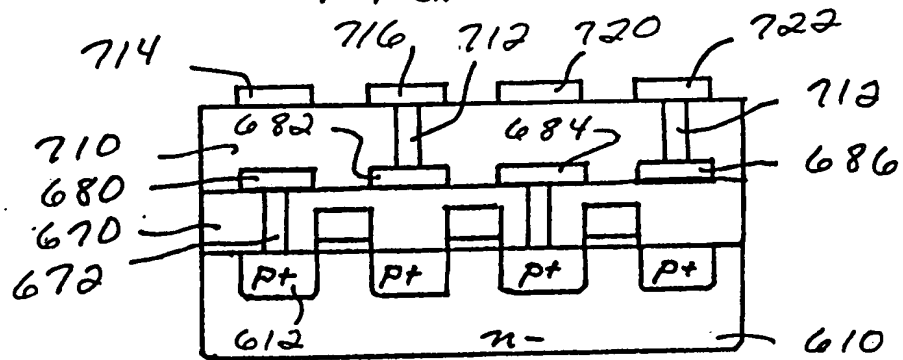


FIG. 7B



# Annotated Marked-Up Drawings



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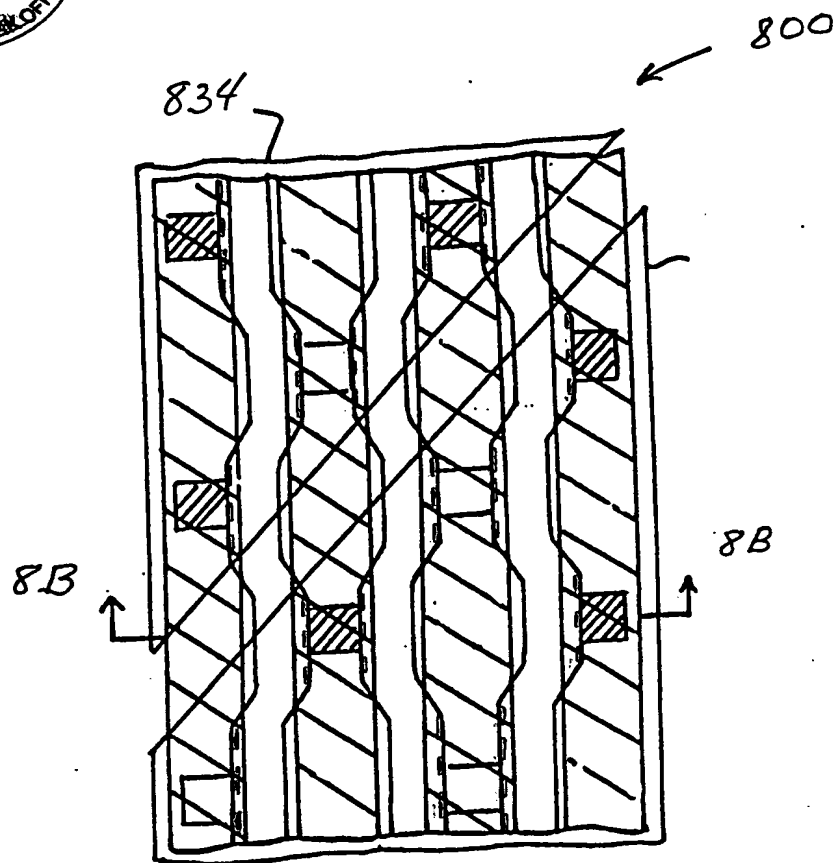


FIG. 8A

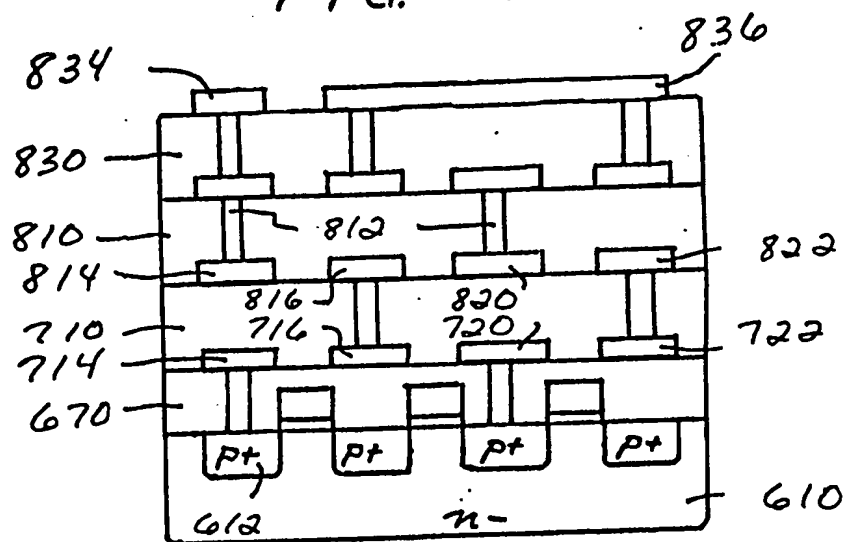
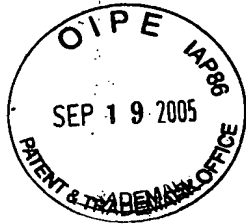


FIG. 8B



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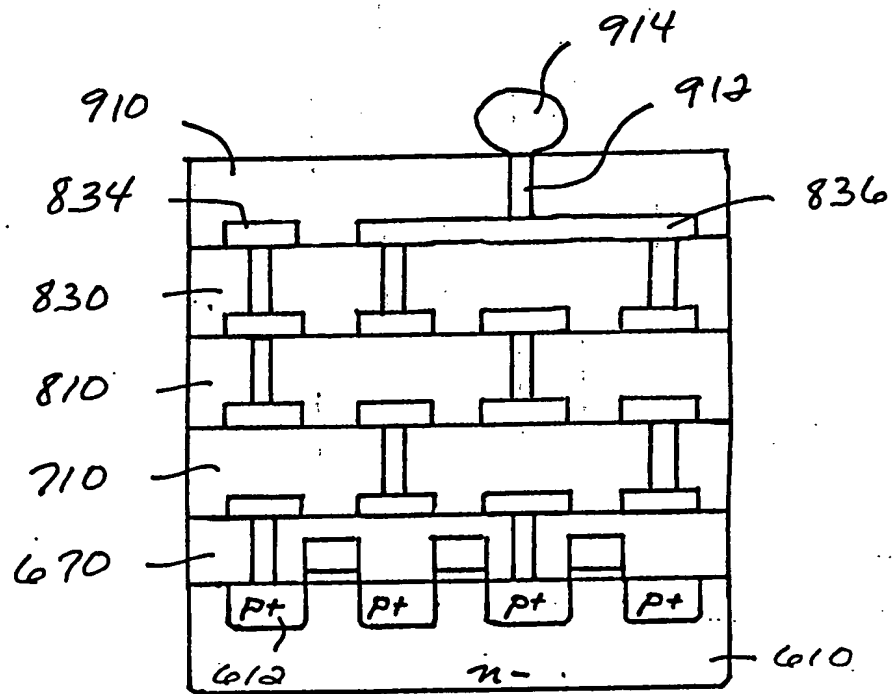


FIG. 9